

From: Callan, Richard
Location: Call-in: 866-299-3188; Conference Code: Ex. 6 - Personal Privacy
Importance: Normal
Subject: ACE Center Directors Call -- June
Start Date/Time: Fri 6/30/2017 7:30:00 PM
End Date/Time: Fri 6/30/2017 8:30:00 PM

Hi All,

Rescheduling the June ACE Center Directors call, looking forward to the discussion. This seemed to be the only day/time in June when most of the PIs and co-PIs and EPA project officers were available. We'll also schedule a call for the second full week of July, possibly Tuesday, July 11th, if the group agrees, as some people will be unavailable for the rest of the month. Then we can go back to our regular day/time of the fourth Thursday of the month at 2:00 p.m. Eastern Time, unless the group would like to change that.

The **goals** of these calls are to discuss Center coordination, provide research updates, annual meeting planning, SAC meeting information and feedback, and to help us stay connected as a team. The **participants** include Center directors and co-directors, STAR project officers and interested ACE scientists.

Friday, June 30th at 3:30 p.m. Eastern.

Expected Agenda Items:

1. Discuss recent ACE Centers meeting (June 1-2)
2. Potential connections and collaborations across Centers and with EPA scientists
3. Share research progress updates
4. Upcoming events of interest

Please let me know if you have other agenda items you'd like to discuss as a group.

Call-in: 866-299-3188
Conference Code: Ex. 6 - Personal Privacy

Best regards,

Rich

To: Callan, Richard[Callan.Richard@epa.gov]
From: Koutrakis, Petros
Sent: Sun 1/29/2017 1:29:00 PM
Subject: Re: ACE Center Directors Call -- Checking notes from today's call 1/26/17

Holiday Richard the words you are missing are

JAWMA
And we wevlet

You did an excellent job

Have a nice rest of the weekend

from my iPhone

On Jan 26, 2017, at 7:39 PM, Callan, Richard <Callan.Richard@epa.gov> wrote:

Hi Petros,

Thank you for participating in today's ACE Center Directors call.

I am writing up the notes and wanted to check to see if the following seems OK to you. Please make any edits you like and send it back to me when you can.

Petros/Harvard: Just had a meeting with MIT and engineering school, went through progress with Center, Pls presented a summary. Project 1: Supposed to collect national data, emissions profiles, to make predictions for weather in the past and future. Working with NASA to help improve algorithms for areas of high reflection like southwest and California. Just published 2 papers, Remote Sensing issue of WMA [journal?], inventories, how to take outputs and link to land use, mile of road. Found good agreement between our estimates and national emissions inventories. Looking very promising. Engineering school already has 15 different models for climate predictions and connect with ...? Developing special patterns and examine the effectiveness of local emissions policies, e.g., by replacing buses and using purer fuel, Brent, PI, has published a paper about using "winglet"(?) Analysis, local emissions patterns, he will do a study in Massachusetts using the Medicare data. Joel also took national Medicare data and converted to cohort data.

Michelle: Joel took the national data which has information for each individual person hospital admissions, for example, this person went to the hospital 3 months ago, link health and billing records to create a cohort by linking multiple events from the same person to create a cohort-like dataset.

Petros: Joel is doing inference analysis using Medicare, has a student to study the effects of temperature, Cory is doing with Francesca the national emissions data from power plants, trying to link emissions reductions to health benefits. Came up with a method to download millions of

trajectories, see where the emissions came from since 1995. So they have solved the problem of how to deal with millions of trajectories. MIT, Noelle, working on economic model, they are going to work with us now to characterize regional profiles, will use that as a baseline. The proposal was to evaluate the co-benefits of Obama initiative about climate change, reduction in power plant emissions, but now I don't know whether that will go forward if the policies are not going to be effective.

Sherri: That is definitely something to think about other strategies and what might be useful.

Petros: Published 2 papers about future emissions. We are a little bit behind, because we started the first year after 6 months.

Best regards,

Rich

From: Callan, Richard

Sent: Thursday, January 26, 2017 1:27 PM

To: Hunt, Sherri <Hunt.Sherri@epa.gov>; Katz, Taylor <Katz.Taylor@epa.gov>; Vette, Alan <Vette.Alan@epa.gov>; Miller, Andy <Miller.Andy@epa.gov>; Hassett-Sipple, Beth <Hassett-Sipple.Beth@epa.gov>; 'Bell, Michelle' <michelle.bell@yale.edu>; 'Roger Peng' <rdpeng@jhu.edu>; 'Petros Koutrakis' <Petros@hsph.harvard.edu>; 'bcoull@hsph.harvard.edu' <bcoull@hsph.harvard.edu>; 'Allen Robinson' <alr@andrew.cmu.edu>; 'Julian Marshall' <jdmarsh@uw.edu>; 'Katherine Tucker' <tuckerk@andrew.cmu.edu>; 'Alice Smythe' <asmythe@hsph.harvard.edu>; 'Jones, Diana' <diana.jones@yale.edu>; Ilacqua, Vito <Ilacqua.Vito@epa.gov>; Costa, Dan <Costa.Dan@epa.gov>

Cc: Baxter, Lisa <Baxter.Lisa@epa.gov>; Grambsch, Anne <Grambsch.Anne@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Nunez, Carlos <Nunez.Carlos@epa.gov>

Subject: RE: ACE Center Directors Call -- Minutes from 12/1/16 Call, Agenda for Today's Call

Hi All,

Attached are the minutes from the previous ACE Centers Directors call. Please let me know if you have any edits.

Next call: Thursday, January 26th TODAY at 2:00 p.m. Eastern.

Expected Agenda Items:

1. Discuss draft agenda for June 1st-2nd ACE Centers meeting
 - Should poster titles be provided in advance?
2. Think of speakers we may want to invite or ways to encourage useful discussion among scientists within the Centers and EPA.
3. How many postdocs, students, senior investigators should attend?
4. Share research progress updates

Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

Best regards,

Rich

<< File: ACE Directors Call Notes DRAFT 120116.docx >>

-----Original Appointment-----

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Hunt, Sherri; Katz, Taylor; Vette, Alan; Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana; Ilacqua, Vito; Callan, Richard; Costa, Dan

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, January 26, 2017 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

WITH UPDATE

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,
Sherri

To: Bell, Michelle[michelle.bell@yale.edu]; Julian Marshall[jdmarsh@uw.edu]
Cc: Petros Koutrakis[Petros@hsph.harvard.edu]; Ilacqua, Vito[Ilacqua.Vito@epa.gov]; Vette, Alan[Vette.Alan@epa.gov]; Katz, Taylor[Katz.Taylor@epa.gov]; Hunt, Sherri[Hunt.Sherri@epa.gov]
From: Callan, Richard
Sent: Wed 11/2/2016 9:25:32 PM
Subject: RE: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016

Excellent – thank you, Michelle, for reviewing this and for your kind and thoughtful comments.

Best regards,

Rich

From: Bell, Michelle [mailto:michelle.bell@yale.edu]
Sent: Tuesday, November 01, 2016 10:08 PM
To: Callan, Richard <Callan.Richard@epa.gov>; Julian Marshall <jdmarsh@uw.edu>
Cc: Petros Koutrakis <Petros@hsph.harvard.edu>; Ilacqua, Vito <Ilacqua.Vito@epa.gov>; Vette, Alan <Vette.Alan@epa.gov>; Katz, Taylor <Katz.Taylor@epa.gov>; Hunt, Sherri <Hunt.Sherri@epa.gov>
Subject: Re: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016

Dear all:

These notes seem fine to me.

Special thanks everyone at EPA for all their outstanding help. A lot of these ideas that are a bit early to implement now will be very beneficial for us later on in the program.

Best,

Michelle

From: Callan, Richard <Callan.Richard@epa.gov>
Sent: Tuesday, November 1, 2016 5:47:32 PM
To: Julian Marshall
Cc: Bell, Michelle; Petros Koutrakis; Ilacqua, Vito; Vette, Alan; Katz, Taylor; Hunt, Sherri
Subject: RE: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please

Review by Mon. 11/7/2016

Hi Julian,

OK thank you, an updated file is attached.

All, please send me any additional edits/updates by next Monday 11/7 by 12:00 p.m. Eastern.

Best regards,

Rich

From: Julian Marshall [<mailto:jdmars@uw.edu>]
Sent: Tuesday, November 01, 2016 5:37 PM
To: Callan, Richard <Callan.Richard@epa.gov>
Cc: Bell, Michelle <michelle.bell@yale.edu>; Petros Koutrakis <Petros@hsph.harvard.edu>; Ilacqua, Vito <Ilacqua.Vito@epa.gov>; Vette, Alan <Vette.Alan@epa.gov>; Katz, Taylor <Katz.Taylor@epa.gov>; Hunt, Sherri <Hunt.Sherri@epa.gov>
Subject: Re: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016

Hi Rich,

I have two updates; feel free to include these with the minutes if you wish, to avoid confusion when you send the minutes to the broader group.

(1) We have a date for our first SAC meeting: January 27, 2017.

(2) Our SAC includes a representative from both of the other centers: Noelle Selin from MIT (Harvard Center), John Weyant from Stanford (Yale Center).

Thanks.

cheers,

Julian

Julian Marshall | John R. Kiely Professor of Civil & Environmental Engineering | University of Washington |
Wilcox 268 | Seattle WA 98195 | jdmarch@uw.edu | @MarshallJulian | (206) 685-2591 |
depts.washington.edu/AirQual

On Tue, Nov 1, 2016 at 1:33 PM, Callan, Richard <Callan.Richard@epa.gov> wrote:

Hi All,

Attached are draft notes from the EPA ACE Centers Directors Call #1, Thursday 10/27/2016. For those of you who were on the call, please review by next Monday 11/7/2016 by 12 noon Eastern Time and send your edits back to me, then I'll send out a final version to the full invitee list.

Best regards,

Rich

-----Original Appointment-----

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Hunt, Sherri; Ilacqua, Vito; Callan, Richard; Katz, Taylor; Costa, Dan; Vette, Alan;

Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis;
bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice
Smythe; Jones, Diana

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, October 27, 2016 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: [1.866.299.3188](tel:18662993188), code: Ex. 6 - Personal Privacy

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,

Sherri

From: Hunt, Sherri
Location: 1.866.299.3188, code: Ex. 6 - Personal Privacy
Importance: High
Subject: Canceled: ACE Center Directors Call
Start Date/Time: Thur 3/23/2017 6:00:00 PM
End Date/Time: Thur 3/23/2017 7:00:00 PM

Apologies for the late cancellation. The SEARCH SAC is today so we will not be meeting.

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Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

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Regards,
Sherri

From: Hunt, Sherri
Location: 1.866.299.3188, code: Ex. 6 - Personal Privacy
Importance: High
Subject: Canceled: ACE Center Directors Call
Start Date/Time: Thur 2/23/2017 7:00:00 PM
End Date/Time: Thur 2/23/2017 8:00:00 PM

Hi All,

We are cancelling the directors call tomorrow. The main thing we need to discuss as a group is the agenda for the June meeting – perhaps Petros can send a draft to the group.

If you have any other questions, please let me know.

Regards,

Sherri

To: Callan, Richard[Callan.Richard@epa.gov]
From: Koutrakis, Petros
Sent: Fri 1/27/2017 1:03:14 AM
Subject: RE: ACE Center Directors Call -- Checking notes from today's call 1/26/17

Hi Richard I will answer tomorrow if it is ok

From: Callan, Richard [mailto:Callan.Richard@epa.gov]
Sent: Thursday, January 26, 2017 7:38 PM
To: Koutrakis, Petros <petros@hsph.harvard.edu>
Subject: RE: ACE Center Directors Call -- Checking notes from today's call 1/26/17

Hi Petros,

Thank you for participating in today's ACE Center Directors call.

I am writing up the notes and wanted to check to see if the following seems OK to you. Please make any edits you like and send it back to me when you can.

Petros/Harvard: Just had a meeting with MIT and engineering school, went through progress with Center, Pls presented a summary. Project 1: Supposed to collect national data, emissions profiles, to make predictions for weather in the past and future. Working with NASA to help improve algorithms for areas of high reflection like southwest and California. Just published 2 papers, Remote Sensing issue of WMA [journal?], inventories, how to take outputs and link to land use, mile of road. Found good agreement between our estimates and national emissions inventories. Looking very promising. Engineering school already has 15 different models for climate predictions and connect with ...? Developing special patterns and examine the effectiveness of local emissions policies, e.g., by replacing buses and using purer fuel, Brent, PI, has published a paper about using "winglet"(?) Analysis, local emissions patterns, he will do a study in Massachusetts using the Medicare data. Joel also took national Medicare data and converted to cohort data.

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Petros: Joel is doing inference analysis using Medicare, has a student to study the effects of temperature, Cory is doing with Francesca the national emissions data from power plants, trying to link emissions reductions to health benefits. Came up with a method to download millions of trajectories, see where the emissions came from since 1995. So they have solved the problem of how to deal with millions of trajectories. MIT, Noelle, working on economic model, they are going to work with us now to characterize regional profiles, will use that as a baseline. The proposal was to evaluate the co-benefits of Obama initiative about climate change, reduction in power plant emissions, but now I don't know whether that will go forward if the policies are not going to be effective.

Sherri: That is definitely something to think about other strategies and what might be useful.

Petros: Published 2 papers about future emissions. We are a little bit behind, because we started the first year after 6 months.

Best regards,

Rich

From: Callan, Richard

Sent: Thursday, January 26, 2017 1:27 PM

To: Hunt, Sherri <Hunt.Sherri@epa.gov>; Katz, Taylor <Katz.Taylor@epa.gov>; Vette, Alan <Vette.Alan@epa.gov>; Miller, Andy <Miller.Andy@epa.gov>; Hassett-Sipple, Beth <Hassett-Sipple.Beth@epa.gov>; 'Bell, Michelle' <michelle.bell@yale.edu>; 'Roger Peng' <rdpeng@jhu.edu>; 'Petros Koutrakis' <Petros@hsph.harvard.edu>; 'bcoull@hsph.harvard.edu' <bcoull@hsph.harvard.edu>; 'Allen Robinson' <alr@andrew.cmu.edu>; 'Julian Marshall' <jdmars@uw.edu>; 'Katherine Tucker' <tuckerk@andrew.cmu.edu>; 'Alice Smythe' <asmध्ये@hsph.harvard.edu>; 'Jones, Diana' <diana.jones@yale.edu>; Ilacqua, Vito <Ilacqua.Vito@epa.gov>; Costa, Dan <Costa.Dan@epa.gov>

Cc: Baxter, Lisa <Baxter.Lisa@epa.gov>; Grambsch, Anne <Grambsch.Anne@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Nunez, Carlos <Nunez.Carlos@epa.gov>

Subject: RE: ACE Center Directors Call -- Minutes from 12/1/16 Call, Agenda for Today's Call

Hi All,

Attached are the minutes from the previous ACE Centers Directors call. Please let me know if you have any edits.

Next call: Thursday, January 26th TODAY at 2:00 p.m. Eastern.

Expected Agenda Items:

1. Discuss draft agenda for June 1st-2nd ACE Centers meeting
 - Should poster titles be provided in advance?
2. Think of speakers we may want to invite or ways to encourage useful discussion among scientists within the Centers and EPA.
3. How many postdocs, students, senior investigators should attend?
4. Share research progress updates

Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

Best regards,

Rich

<< File: ACE Directors Call Notes DRAFT 120116.docx >>

-----Original Appointment-----

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Hunt, Sherri; Katz, Taylor; Vette, Alan; Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana; Ilacqua, Vito; Callan, Richard; Costa, Dan

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, January 26, 2017 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

WITH UPDATE

Hi All,

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If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,

Sherri

To: Ilacqua, Vito[Ilacqua.Vito@epa.gov]; Callan, Richard[Callan.Richard@epa.gov]; Costa, Dan[Costa.Dan@epa.gov]; Katz, Taylor[Katz.Taylor@epa.gov]; Vette, Alan[Vette.Alan@epa.gov]; Miller, Andy[Miller.Andy@epa.gov]; Hassett-Sipple, Beth[Hassett-Sipple.Beth@epa.gov]; Bell, Michelle[michelle.bell@yale.edu]; Roger Peng[rdpeng@jhu.edu]; Petros Koutrakis[Petros@hsph.harvard.edu]; bcoull@hsph.harvard.edu[bcoull@hsph.harvard.edu]; Allen Robinson[alr@andrew.cmu.edu]; Julian Marshall[jdmarsh@uw.edu]; Katherine Tucker[tuckerk@andrew.cmu.edu]; Alice Smythe[asmythe@hsph.harvard.edu]; Jones, Diana[diana.jones@yale.edu]
Cc: Baxter, Lisa[Baxter.Lisa@epa.gov]; Grambsch, Anne[Grambsch.Anne@epa.gov]; Hagler, Gayle[Hagler.Gayle@epa.gov]; Nunez, Carlos[Nunez.Carlos@epa.gov]
From: Hunt, Sherri
Sent: Thur 1/26/2017 7:24:32 PM
Subject: RE: ACE Center Directors Call
DRAFT Agenda-ACE Annual Meeting 2016.docx

See draft agenda:

Sherri

Sherri W. Hunt, Ph.D. | Air, Climate, and Energy (ACE) Matrix Interface
National Center for Environmental Research | US Environmental Protection Agency

202.564.4486 (office) | 571.339.9491 (cell) | hunt.sherri@epa.gov

Mailing Address: 1200 Pennsylvania Ave NW (Code 8725R)

Washington DC 20460

Courier Address: 1300 Pennsylvania Ave NW (RRB Mezzanine M312K)

Washington DC 20004

-----Original Appointment-----

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Ilacqua, Vito; Callan, Richard; Costa, Dan; Katz, Taylor; Alan Vette (Vette.Alan@epa.gov); Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana

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Sherri

To: Callan, Richard[Callan.Richard@epa.gov]; Bell, Michelle[michelle.bell@yale.edu]; Julian Marshall (jdmarsh@uw.edu)[jdmarsh@uw.edu]
From: Koutrakis, Petros
Sent: Wed 1/25/2017 10:39:26 PM
Subject: RE: ACE Center Directors Call -- Draft notes from previous call, PLEASE REVIEW

Hi Richard I am ok with this

Gina McCarthy will be teaching at Harvard and she will have a job. So we should be able to bring her

From: Callan, Richard [mailto:Callan.Richard@epa.gov]
Sent: Wednesday, January 25, 2017 4:57 PM
To: Bell, Michelle <michelle.bell@yale.edu>; Koutrakis, Petros <petros@hsph.harvard.edu>; Julian Marshall (jdmarsh@uw.edu) <jdmarsh@uw.edu>
Subject: FW: ACE Center Directors Call -- Draft notes from previous call, PLEASE REVIEW

Hi Michelle, Petros and Julian,

I hope you are all well. I put together some draft notes from the last ACE Centers Directors call and would like to send them out to the larger group but wanted to give you a chance to review first. Please let me know by 11:00 a.m. tomorrow (Thursday 1/26) if you have any edits. Hopefully they look OK to you.

Best regards,

Rich

Rich Callan, MPH | US Environmental Protection Agency | National Center for Environmental Research
Applied Science and Education Division

Mailing Address: 1200 Pennsylvania Ave., NW, Mail Code 8725R, Washington, DC 20460-0001

Express Mail Address: 1300 Pennsylvania Ave., NW, RRB Mezzanine M312C, Washington, DC 20004

Phone: 202.564.4191 (office) | callan.richard@epa.gov

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Hunt, Sherri; Katz, Taylor; Vette, Alan; Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana; Ilacqua, Vito; Callan, Richard; Costa, Dan

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Regards,

Sherri

From: Hunt, Sherri
Location: 1.866.299.3188, code: Ex. 6 - Personal Privacy
Importance: Normal
Subject: Reminder: ACE Center Directors Call
Start Date/Time: Thur 12/1/2016 7:00:00 PM
End Date/Time: Thur 12/1/2016 8:00:00 PM

From: Hunt, Sherri
Location: 1.866.299.3188, code Ex. 6 - Personal Privacy
Importance: Normal
Subject: ACE Center Directors Call
Start Date/Time: Thur 4/27/2017 6:00:00 PM
End Date/Time: Thur 4/27/2017 7:00:00 PM

AGENDA ADDED:

Thursday, April 27th at 2:00 p.m. Eastern.

Expected Agenda Items:

1. Discuss draft agenda for June 1st-2nd ACE Centers meeting
 - Have poster titles been provided in advance?
2. Potential connections across Centers and with EPA scientists.
3. Any updates on participants?
4. Share research progress updates.

Call-in: 1.866.299.3188, Conference Code: 202.564.4486#

Please let me know if you have anything to add.

To: Callan, Richard[Callan.Richard@epa.gov]
From: Koutrakis, Petros
Sent: Wed 11/9/2016 5:25:20 PM
Subject: RE: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016

Sorry Richard I just realized I missed the deadline

I am ok though

From: Callan, Richard [mailto:Callan.Richard@epa.gov]
Sent: Tuesday, November 1, 2016 4:33 PM
To: Bell, Michelle <michelle.bell@yale.edu>; Koutrakis, Petros <petros@hsph.harvard.edu>; Julian Marshall <jdmarsh@uw.edu>; Ilacqua, Vito <Ilacqua.Vito@epa.gov>; Vette, Alan <Vette.Alan@epa.gov>; Katz, Taylor <Katz.Taylor@epa.gov>
Cc: Hunt, Sherri <Hunt.Sherri@epa.gov>
Subject: RE: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016

Hi All,

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Best regards,

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-----Original Appointment-----

From: Hunt, Sherri
Sent: Thursday, September 22, 2016 10:52 AM
To: Hunt, Sherri; Ilacqua, Vito; Callan, Richard; Katz, Taylor; Costa, Dan; Vette, Alan; Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis;

bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, October 27, 2016 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,

Sherri

From: Hunt, Sherri
Location: 1.866.299.3188, code: Ex. 6 - Personal Privacy
Importance: High
Subject: Canceled: ACE Center Directors Call
Start Date/Time: Thur 10/27/2016 6:00:00 PM
End Date/Time: Thur 10/27/2016 7:00:00 PM

New calendar entry will come from Rich Callan.

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,
Sherri

From: Hunt, Sherri

Location: 1.866.299.3188, code: Ex. 6 - Personal Privacy

Importance: Normal

Subject: ACE Center Directors Call

Start Date/Time: Fri 5/26/2017 2:30:00 PM

End Date/Time: Fri 5/26/2017 3:30:00 PM

[Agenda-ACE Annual Meeting 20170523.docx](#)

Let's discuss the final agenda and smaller group times.

Call Agenda for 5/26/17:

Logistics (Alice & Petros)

Meeting agenda (latest draft is attached):

finalize:

- Group discussion leaders (Schwartz not yet confirmed),
- final discussion (Coull not yet confirmed),
- anything else?

Apologies for the late reschedule.

To: Ilacqua, Vito[Ilacqua.Vito@epa.gov]; Callan, Richard[Callan.Richard@epa.gov]; Katz, Taylor[Katz.Taylor@epa.gov]; Costa, Dan[Costa.Dan@epa.gov]; Vette, Alan[Vette.Alan@epa.gov]; Miller, Andy[Miller.Andy@epa.gov]; Hassett-Sipple, Beth[Hassett-Sipple.Beth@epa.gov]; Bell, Michelle[michelle.bell@yale.edu]; Roger Peng[rdpeng@jhu.edu]; Petros Koutrakis[Petros@hsph.harvard.edu]; bcoull@hsph.harvard.edu[bcoull@hsph.harvard.edu]; Allen Robinson[alr@andrew.cmu.edu]; Julian Marshall[jdmarsh@uw.edu]; Katherine Tucker[tuckerk@andrew.cmu.edu]; Alice Smythe[asmythe@hsph.harvard.edu]; Jones, Diana[diana.jones@yale.edu]
Cc: Baxter, Lisa[Baxter.Lisa@epa.gov]; Grambsch, Anne[Grambsch.Anne@epa.gov]; Hagler, Gayle[Hagler.Gayle@epa.gov]; Nunez, Carlos[Nunez.Carlos@epa.gov]
From: Hunt, Sherri
Sent: Tue 5/23/2017 8:15:43 PM
Subject: RE: ACE Center Directors Call

Hi All,

Multiple EPA meetings have now been scheduled during this time block. I don't want to cancel since I think there are some final details to discuss for the meeting next week. Would it be possible to reschedule the call to sometime on Friday - perhaps between 9 am and 2 pm ET?

Sherri

Sherri W. Hunt, Ph.D. | Air, Climate, and Energy (ACE) Matrix Interface
National Center for Environmental Research | US Environmental Protection Agency

202.564.4486 (office) | 571.339.9491 (cell) | hunt.sherri@epa.gov

Mailing Address: 1200 Pennsylvania Ave NW (Code 8725R)

Washington DC 20460

Courier Address: 1300 Pennsylvania Ave NW (RRB Mezzanine M312K)

Washington DC 20004

-----Original Appointment-----

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Ilacqua, Vito; Callan, Richard; Katz, Taylor; Costa, Dan; Alan Vette (Vette.Alan@epa.gov); Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, May 25, 2017 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants**

will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,
Sherri

To: Hunt, Sherri[Hunt.Sherri@epa.gov]; Katz, Taylor[Katz.Taylor@epa.gov]; Vette, Alan[Vette.Alan@epa.gov]; Miller, Andy[Miller.Andy@epa.gov]; Hassett-Sipple, Beth[Hassett-Sipple.Beth@epa.gov]; Bell, Michelle[michelle.bell@yale.edu]; Roger Peng[rdpeng@jhu.edu]; Petros Koutrakis[Petros@hsph.harvard.edu]; bcoull@hsph.harvard.edu[bcoull@hsph.harvard.edu]; Allen Robinson[alr@andrew.cmu.edu]; Julian Marshall[jdmarsh@uw.edu]; Katherine Tucker[tuckerk@andrew.cmu.edu]; Alice Smythe[asmythe@hsph.harvard.edu]; Jones, Diana[diana.jones@yale.edu]; Ilacqua, Vito[Ilacqua.Vito@epa.gov]; Costa, Dan[Costa.Dan@epa.gov]
Cc: Baxter, Lisa[Baxter.Lisa@epa.gov]; Grambsch, Anne[Grambsch.Anne@epa.gov]; Hagler, Gayle[Hagler.Gayle@epa.gov]; Nunez, Carlos[Nunez.Carlos@epa.gov]
From: Callan, Richard
Sent: Wed 1/25/2017 9:37:22 PM
Subject: RE: ACE Center Directors Call -- DRAFT AGENDA for call Thursday, January 26th, 2:00 p.m.- 3:00 p.m. Eastern Time

Next ACE Centers call: Thursday, January 26th, 2017, 2:00 p.m.-3:00 p.m. Eastern Time.

Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

Expected Agenda Items:

1. Discuss draft agenda for June 1st-2nd ACE Centers meeting in Cambridge, MA
 - Should poster titles be provided in advance?
2. Think of speakers we may want to invite and ways to encourage useful discussion among scientists within the Centers and EPA.
3. How many postdocs, students, senior investigators should attend?
4. Share research progress updates from each Center

Please let Sherri and me know if you have additional agenda items you'd like to include for tomorrow's call.

Best regards,

Rich

Rich Callan, MPH | US Environmental Protection Agency | National Center for Environmental Research
Applied Science and Education Division
Phone: 202.564.4191 (office) | callan.richard@epa.gov

-----Original Appointment-----

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Hunt, Sherri; Katz, Taylor; Vette, Alan; Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana; Ilacqua, Vito; Callan, Richard; Costa, Dan

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, January 26, 2017 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,
Sherri

From: Callan, Richard
Location: Call-in: 866-299-3188; Conference Code: Ex. 6 - Personal Privacy
Importance: Normal
Subject: ACE Center Directors Call -- June
Start Date/Time: Fri 6/30/2017 7:30:00 PM
End Date/Time: Fri 6/30/2017 8:30:00 PM

Hi All,

Rescheduling the June ACE Center Directors call, looking forward to the discussion. This seemed to be the only day/time in June when most of the PIs and co-PIs and EPA project officers were available. We'll also schedule a call for the second full week of July, possibly Tuesday, July 11th, if the group agrees, as some people will be unavailable for the rest of the month. Then we can go back to our regular day/time of the fourth Thursday of the month at 2:00 p.m. Eastern Time, unless the group would like to change that.

The **goals** of these calls are to discuss Center coordination, provide research updates, annual meeting planning, SAC meeting information and feedback, and to help us stay connected as a team. The **participants** include Center directors and co-directors, STAR project officers and interested ACE scientists.

Friday, June 30th at 3:30 p.m. Eastern.

Expected Agenda Items:

1. Discuss recent ACE Centers meeting (June 1-2)
2. Potential connections and collaborations across Centers and with EPA scientists
3. Share research progress updates
4. Upcoming events of interest

Please let me know if you have other agenda items you'd like to discuss as a group.

Call-in: 866-299-3188
Conference Code: Ex. 6 - Personal Privacy

Best regards,

Rich

To: Bell, Michelle[michelle.bell@yale.edu]; Koutrakis, Petros[petros@hsph.harvard.edu]; Julian Marshall[jdmarsh@uw.edu]; Costa, Dan[Costa.Dan@epa.gov]; Hunt, Sherri[hunt.sherri@epa.gov]; Ilacqua, Vito[Ilacqua.Vito@epa.gov]; Alice Smythe[asmlythe@hsph.harvard.edu]; Hassett-Sipple, Beth[Hassett-Sipple.Beth@epa.gov]; Baxter, Lisa[Baxter.Lisa@epa.gov]
From: Callan, Richard
Sent: Fri 12/2/2016 11:52:47 PM
Subject: ACE Center Directors Call -- DRAFT Notes from Call #2, 12/1/2016, Please Review by Fri. 12/9/2016
[ACE Directors Call Notes DRAFT 120116.docx](#)

Hi All,

Attached are draft notes from the EPA ACE Centers Directors Call #2, Thursday December 1, 2016, for those of you who were on the call. Please review by Friday 12/9/2016 and send your edits back to me, then I can send out a final version to the full invitee list.

ACE Centers Directors Call

Thursday, December 1, 2016 – 2:00 p.m. – 3:00 p.m. Eastern Time

ACE Centers Participants: Michelle Bell (Yale), Julian Marshall (CMU), Petros Koutrakis (Harvard), Alice Smythe (Harvard)
EPA Participants: Dan Costa, Sherri Hunt, Rich Callan, Vito Ilacqua, , Beth Hassett-Sipple, Lisa Baxter

DRAFT Notes attached

Best regards,

Rich

Rich Callan, MPH | US Environmental Protection Agency | National Center for Environmental Research

Applied Science and Education Division | Air, Climate and Energy Team, Fellowships Team

Phone: 202.564.4191 (office) | callan.richard@epa.gov

-----Original Appointment-----

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Hunt, Sherri; Ilacqua, Vito; Callan, Richard; Katz, Taylor; Costa, Dan; Vette, Alan; Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, October 27, 2016 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,

Sherri

ACE Centers Directors Call

Thursday, December 1, 2016 – 2:00 p.m. – 3:00 p.m. Eastern Time

Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

ACE Centers Participants: Michelle Bell (Yale), Julian Marshall (CMU), Petros Koutrakis (Harvard), Alice Smythe (Harvard)

EPA Participants: Dan Costa, Sherri Hunt, Rich Callan, Vito Ilacqua, , Beth Hassett-Sipple, Lisa Baxter

DRAFT Notes

Sherri: The SAC meeting for CMU is scheduled for January 27th 2017, Yale SEARCH for March 23rd and 24th. Dan and I are planning to go to all 3 of the SAC meetings and the appropriate project officer for each should go as well. Harvard is still working on a date for their SAC.

1. ACE Centers Annual Meeting: June 1st and 2nd, 2017 in Cambridge, MA.

Harvard ACE Center is hosting.

Alice: The venue: [Le Méridien hotel](#) in Cambridge, will have a room block, government rate and a slightly better rate for the non-government people. Dinner will be on Thursday. The space is big enough for 120 people. There's a space for posters.

Hotel: <http://www.lemeridiencambridgemit.com/>

Petros: It's near Central Square, and near Memorial Drive if you want to jog in the morning, is walking distance to Boston.

Sherri: The annual meeting is really for the Centers, what can we do to support you?

Dan: Is there a planning committee for this meeting?

Sherri: This is it. One question is whether we want to have a poster time during the meeting.

Petros: We've had good and bad poster sessions. In Seattle, we had nice weather with drinks outside, but no one went to see the posters. A good way to do this is to have the posters inside in a place where people can, without sitting, easily move around within the space. We did that several years ago here, people spent 2 hours cruising through the posters. Usually we schedule them before the dinner.

Sherri: I think it's a good idea to have a poster session at this stage, would like to have the Centers get more familiar with each other's projects. The scientists who are participating need to understand more about what's going on so we can get an idea of what cross-Center projects are appropriate.

Julian: If we want to invite graduate students and want them to have a chance to present, the posters are a platform to do that in, allows people to match up in a way that can't happen with just an oral presentation. Would it be open to the public? I think we were leaning towards the Centers and not opening up to other groups. I agree, I'm in favor of having posters.

Sherri: How would the day flow and what additional speakers would you want to have?

Petros: I like the idea to have each of the Centers give a nice long presentation about plans and accomplishments, maybe at the beginning could have someone talk about an issue that we care about. Could be policy or science issue.

Michelle and Julian: Will give it some thought -- a keynote talk?

Sherri: We need to brainstorm ideas about possible speakers. For posters, are we going to ask people to provide titles in advance? Are we going to put any structure or guidance around any of the Center talks? I need to know if we're going to have this as a public meeting or by invitation only.

Michelle: We talked about strengths and weaknesses. I was in favor of an invitation-only meeting, though that's my personal viewpoint.

Dan: Have we ever had an open meeting before?

Sherri: Formally they are open. Our communications staff within NCER are asking specific questions. They want to know if we want to advertise this meeting.

Michelle: We can't turn people away, but the research that will be discussed will be radically different if it's planned as a public meeting, and this is early on in the scientific process. So I'd prefer it to be a scientific meeting that is not advertised widely so we don't have a lot of questions from the public and have to address more general policy issues.

Dan: This is the first progress meeting we're having with this set of Centers, there's still a lot of "getting to know you," we wouldn't turn someone away if they show up. I'd rather keep this low key this time around.

Julian: People will feel that it's more open, more free exchange of ideas.

Sherri: Would we allow time for specific discussions during the meeting?

Dan: We can think about areas with potential collaboration and the Centers have some money set aside. So it's an opportunity to have an open discussion and maybe some follow on.

Sherri: I wonder if it would be useful for the group to have with all of the meeting participants together or should we be splitting up into smaller groups.

Michelle: I think everyone was excited by that idea, just having Center directors is a pretty small group. Maybe Petros already knows how these types of discussions go. We've already had discussions about potential future collaborations.

Sherri: Would be good for Center directors to think about potential topic areas before the next call. Having the face-to-face interaction is often useful at these meetings, when people don't know each other that's really important. Probably we can leave this and **ask Petros to draft an agenda based on what he understands the group wants and maybe next time we can respond to that and give feedback.**

Petros: The EPA budget is appropriated for 2017, what is secured for us out there? We got the

first year and will get the second year?

Sherri: There is a President's budget and committee language but the budget hasn't passed yet, so only a small amount of our budget has been released. I have \$500,000 for increments. We will be given additional guidance if/when an actual budget is passed. Centers have contributed a lot to EPA, we think they are really important to the ACE program overall and are at the highest priority. You have received 2 years of funding already so it's possible your next funding might come a little bit later.

Petros: We should be a bit conservative about how we are spending our money.

Dan: As Sherri mentioned, the Centers program in our extramural grants program, is the most important extramural program that we have. You are all are highly respected.

Petros: Back to the agenda. The Centers are about community, maybe we can invite someone from NESCAUM or DEP or an NGO that is a user of the information we produce, give us a talk about what kinds of scientific questions we have, then another day, someone who does something really exciting and give a talk. Also, we need maybe a couple of small sessions to talk about prospective research, develop a couple of topics so people share their research.

Dan: Those are good ideas. There's a lot of emphasis now on community outreach, community use of information and data. The question is, how is your data used by users at every level, are we communicating it properly, is this the kind of data we need. You are successful, you have the social science elements, how it's implemented, how it's communicated, things you mentioned Petros are right on. Beth sent me a message -- Gina McCarthy is probably going to be back in Jamaica Plain. Maybe she would be an interesting person to have, representing ACE and EPA.

Petros: We can ask her.

Sherri: The Yale SEARCH Center, with its policy component, might have some ideas as well.

Next call: Thursday, January 26th at 2:00 p.m. Eastern. We should have a draft agenda from Petros by then and we can discuss that.

Expected Agenda Items:

1. Discuss draft agenda for June 1st-2nd ACE Centers meeting
2. Think of speakers we may want to invite or ways to encourage useful discussion among scientists within the Centers and EPA.
3. Share research progress updates

Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

--Draft notes from Rich Callan

Follow-up email:

From: Hunt, Sherri

Sent: Friday, December 02, 2016 11:08 AM

To: Ilacqua, Vito <ilacqua.vito@epa.gov>; Callan, Richard <Callan.Richard@epa.gov>; Katz, Taylor <Katz.Taylor@epa.gov>; Costa, Dan <costa.dan@epa.gov>; Alan Vette (Vette.Alan@epa.gov) <Vette.Alan@epa.gov>; Miller, Andy <Miller.Andy@epa.gov>; Hassett-Sipple, Beth <Hassett-Sipple.Beth@epa.gov>; 'Bell, Michelle' <michelle.bell@yale.edu>; 'Roger Peng' <rdpeng@jhu.edu>; Petros Koutrakis <Petros@hsph.harvard.edu>; 'bcoull@hsph.harvard.edu' <bcoull@hsph.harvard.edu>; 'Allen Robinson' <alr@andrew.cmu.edu>; Julian Marshall <jdmarsh@uw.edu>; 'Katherine Tucker' <tuckerk@andrew.cmu.edu>; Alice Smythe <asmythe@hsph.harvard.edu>; Jones, Diana <diana.jones@yale.edu>; Hunt, Sherri <Hunt.Sherri@epa.gov>

Cc: Baxter, Lisa <Baxter.Lisa@epa.gov>; Grambsch, Anne <Grambsch.Anne@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Nunez, Carlos <Nunez.Carlos@epa.gov>

Subject: ACE Center Directors Call

Hi All,

Thanks for joining us yesterday. As discussed, at our next call Petros will bring a draft agenda for the June 1-2 meeting and everyone will be thinking of speakers we may want to invite or ways to encourage useful discussion among scientists within the Centers and EPA. I would also like to share research progress updates at that time as well.

I incorrectly noted the time for our next call – we are currently scheduled at talk at 2 pm on the 4th Thursday of the month, i.e. Jan. 26, Feb 23, March 23, April 27.

I hope that everyone has a fun and restful holiday.

All the best,

Sherri

Sherri W. Hunt, Ph.D. | Air, Climate, and Energy (ACE) Matrix Interface

National Center for Environmental Research | US Environmental Protection Agency

202.564.4486 (office) | 571.339.9491 (cell) | hunt.sherri@epa.gov

Mailing Address: 1200 Pennsylvania Ave NW (Code 8725R) Washington DC 20460

Courier Address: 1300 Pennsylvania Ave NW (RRB Mezzanine M312K) Washington DC 20004

To: Koutrakis, Petros[petros@hsph.harvard.edu]
From: Callan, Richard
Sent: Wed 11/9/2016 6:07:48 PM
Subject: RE: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016
[ACE Directors Call Notes DRAFT 110116.docx](#)

Hi Petros,

Thank you for taking a look at this. I haven't sent out to the larger group yet, so could you let me know this afternoon if there are any edits you'd like to include? Then I can send it out later today or tomorrow. I'm attaching the revised version with Julian's edits.

Best regards,

Rich

From: Koutrakis, Petros [mailto:petros@hsph.harvard.edu]
Sent: Wednesday, November 09, 2016 12:25 PM
To: Callan, Richard <Callan.Richard@epa.gov>
Subject: RE: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016

Sorry Richard I just realized I missed the deadline

I am ok though

From: Callan, Richard [mailto:Callan.Richard@epa.gov]
Sent: Tuesday, November 1, 2016 4:33 PM
To: Bell, Michelle <michelle.bell@yale.edu>; Koutrakis, Petros <petros@hsph.harvard.edu>; Julian Marshall <jdmarsh@uw.edu>; Ilacqua, Vito <Ilacqua.Vito@epa.gov>; Vette, Alan <Vette.Alan@epa.gov>; Katz, Taylor <Katz.Taylor@epa.gov>
Cc: Hunt, Sherri <Hunt.Sherri@epa.gov>
Subject: RE: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016

Hi All,

Attached are draft notes from the EPA ACE Centers Directors Call #1, Thursday 10/27/2016. For those of you who were on the call, please review by next Monday 11/7/2016 by 12 noon Eastern Time and send your edits back to me, then I'll send out a final version to the full invitee list.

Best regards,

Rich

-----Original Appointment-----

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Hunt, Sherri; Ilacqua, Vito; Callan, Richard; Katz, Taylor; Costa, Dan; Vette, Alan; Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, October 27, 2016 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,

Sherri

To: Bell, Michelle[michelle.bell@yale.edu]; Julian Marshall[jdmarsh@uw.edu]
Cc: Petros Koutrakis[Petros@hsph.harvard.edu]; Ilacqua, Vito[Ilacqua.Vito@epa.gov]; Vette, Alan[Vette.Alan@epa.gov]; Katz, Taylor[Katz.Taylor@epa.gov]; Hunt, Sherri[Hunt.Sherri@epa.gov]
From: Callan, Richard
Sent: Wed 11/2/2016 9:26:51 PM
Subject: RE: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016

Excellent – thank you, Michelle, for reviewing this and for your kind and thoughtful comments.

Best regards,

Rich

From: Bell, Michelle [mailto:michelle.bell@yale.edu]
Sent: Tuesday, November 01, 2016 10:08 PM
To: Callan, Richard <Callan.Richard@epa.gov>; Julian Marshall <jdmarsh@uw.edu>
Cc: Petros Koutrakis <Petros@hsph.harvard.edu>; Ilacqua, Vito <Ilacqua.Vito@epa.gov>; Vette, Alan <Vette.Alan@epa.gov>; Katz, Taylor <Katz.Taylor@epa.gov>; Hunt, Sherri <Hunt.Sherri@epa.gov>
Subject: Re: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016

Dear all:

These notes seem fine to me.

Special thanks everyone at EPA for all their outstanding help. A lot of these ideas that are a bit early to implement now will be very beneficial for us later on in the program.

Best,

Michelle

From: Callan, Richard <Callan.Richard@epa.gov>
Sent: Tuesday, November 1, 2016 5:47:32 PM
To: Julian Marshall
Cc: Bell, Michelle; Petros Koutrakis; Ilacqua, Vito; Vette, Alan; Katz, Taylor; Hunt, Sherri
Subject: RE: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please

Review by Mon. 11/7/2016

Hi Julian,

OK thank you, an updated file is attached.

All, please send me any additional edits/updates by next Monday 11/7 by 12:00 p.m. Eastern.

Best regards,

Rich

From: Julian Marshall [<mailto:jdmarsh@uw.edu>]
Sent: Tuesday, November 01, 2016 5:37 PM
To: Callan, Richard <Callan.Richard@epa.gov>
Cc: Bell, Michelle <michelle.bell@yale.edu>; Petros Koutrakis <Petros@hsph.harvard.edu>; Ilacqua, Vito <Ilacqua.Vito@epa.gov>; Vette, Alan <Vette.Alan@epa.gov>; Katz, Taylor <Katz.Taylor@epa.gov>; Hunt, Sherri <Hunt.Sherri@epa.gov>
Subject: Re: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016

Hi Rich,

I have two updates; feel free to include these with the minutes if you wish, to avoid confusion when you send the minutes to the broader group.

(1) We have a date for our first SAC meeting: January 27, 2017.

(2) Our SAC includes a representative from both of the other centers: Noelle Selin from MIT (Harvard Center), John Weyant from Stanford (Yale Center).

Thanks.

cheers,

Julian

Julian Marshall | John R. Kiely Professor of Civil & Environmental Engineering | University of Washington |
Wilcox 268 | Seattle WA 98195 | jdmarch@uw.edu | @MarshallJulian | (206) 685-2591 |
depts.washington.edu/AirQual

On Tue, Nov 1, 2016 at 1:33 PM, Callan, Richard <Callan.Richard@epa.gov> wrote:

Hi All,

Attached are draft notes from the EPA ACE Centers Directors Call #1, Thursday 10/27/2016. For those of you who were on the call, please review by next Monday 11/7/2016 by 12 noon Eastern Time and send your edits back to me, then I'll send out a final version to the full invitee list.

Best regards,

Rich

-----Original Appointment-----

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Hunt, Sherri; Ilacqua, Vito; Callan, Richard; Katz, Taylor; Costa, Dan; Vette, Alan;

Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis;
bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice
Smythe; Jones, Diana
Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos
Subject: ACE Center Directors Call
When: Thursday, October 27, 2016 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US &
Canada).
Where: [1.866.299.3188](tel:18662993188), code: Ex. 6 - Personal Privacy

Hi All,

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The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,

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To: Julian Marshall[jdmarsh@uw.edu]
Cc: Bell, Michelle[michelle.bell@yale.edu]; Petros Koutrakis[Petros@hsph.harvard.edu]; Ilacqua, Vito[Ilacqua.Vito@epa.gov]; Vette, Alan[Vette.Alan@epa.gov]; Katz, Taylor[Katz.Taylor@epa.gov]; Hunt, Sherri[Hunt.Sherri@epa.gov]
From: Callan, Richard
Sent: Tue 11/1/2016 9:47:33 PM
Subject: RE: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016
[ACE Directors Call Notes DRAFT 110116.docx](#)

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ACE Directors Call #1 DRAFT Notes – 10/27/2016

Attendees: Michelle Bell (Yale), Petros Koutrakis (Harvard/MIT), Julian Marshall (CMU), Alan Vette (EPA), Vito Ilacqua (EPA), Rich Callan (EPA), Taylor Katz (EPA)

Agenda and Discussion

1. Work across Centers in webinars – do you want to do this?

Discussion: Seems too early on right now. Need to explore this further.

2. How can we help you develop cross-Center projects?

Discussion: Seems too early on right now. Cross-pollination of ideas has already started. Would be good for us to consider collective experience from other collaborations, what might be of help to encourage these?

3. SAC meeting scheduling – how's it going?

Michelle (Yale): First SAC meeting scheduled for March 23rd-24th, 2017 in New Haven, CT.

Petros (Harvard): Will schedule in next couple of months.

Marshall (CMU): First SAC meeting scheduled for January 27th, 2017 in Pittsburgh, PA.

Discussion: Should encourage cross-talk between the Centers. Each SAC has at least one representative from a different Center. Michelle has Francesca Dominici (Harvard) on her SAC, Petros has invited Michelle, and CMU (Allen and Julian) has Noelle Selin (MIT/Harvard Center) and John Weyant (Stanford/Yale Center) on the SAC.

4. **ACE Centers Annual Meeting: June 1st-June 2nd, 2017 at Harvard/MIT ACE Center in Boston.** Alice Smythe of Harvard/MIT ACE Center is coordinating.

- a. Should the Annual Meeting be open to the public?

Discussion: Harvard is hosting the meeting so discussed that Harvard could decide, but consensus was that for this first meeting that it would be best if it were not open to the public.

- b. Should we invite HEI low-level pollutant PIs to the annual meeting?

Discussion: It would be better for this first meeting to limit attendance to ACE Center researchers and staff and EPA.

- c. Would we need a registration fee to cover costs? For EPA-organized meetings, we can't charge a registration fee and it limits EPA's ability to communicate about the meeting

Discussion: Harvard would like to have a \$100 per person registration fee to cover food and venue expenses. EPA to check on what can and can't be covered

and get back to Petros.

5. Other requests/comments about planning the annual meeting?

Discussion: For Clean Air Research Center meetings we had a committee to organize, 1 representative from each Center to put together the meeting, each CLARC had time on part of monthly calls. Need to start talking about agenda, format, organization of meeting. In future years, could make Day 1 a Centers-only meeting and Day 2 could be a public meeting

6. Time/day for ongoing monthly (or bimonthly) calls?

Current time seems OK for now, can revisit. Monthly calls, for now.

Next steps: EPA to find out what could be included in annual meeting registration fee to make it feasible to attend and publicize.

Agenda for next call should be to discuss format for the annual meeting, what kinds of sessions we want to have, so Petros can start working on a draft agenda. Could be a 1-1/2-day meeting to accommodate participants from the West Coast.

Can review Terms and Conditions on next call as well.

Next call:

Thursday, December 1st, 2016, 2:00 p.m. – 3:00 p.m. Eastern Time

Call-in: 1-866-299-3188

Conference Code: Ex. 6 - Personal Privacy

To: Bell, Michelle[michelle.bell@yale.edu]; Petros Koutrakis[Petros@hsph.harvard.edu]; Julian Marshall[jdmarsh@uw.edu]; Ilacqua, Vito[Ilacqua.Vito@epa.gov]; Vette, Alan[Vette.Alan@epa.gov]; Katz, Taylor[Katz.Taylor@epa.gov]
Cc: Hunt, Sherri[Hunt.Sherri@epa.gov]
From: Callan, Richard
Sent: Tue 11/1/2016 8:33:08 PM
Subject: RE: EPA ACE Center Directors Call -- DRAFT Notes from Call #1, 10/27/2016, Please Review by Mon. 11/7/2016
[ACE Directors Call Notes DRAFT 102716.docx](#)

Hi All,

Attached are draft notes from the EPA ACE Centers Directors Call #1, Thursday 10/27/2016. For those of you who were on the call, please review by next Monday 11/7/2016 by 12 noon Eastern Time and send your edits back to me, then I'll send out a final version to the full invitee list.

Best regards,

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Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos
Subject: ACE Center Directors Call
When: Thursday, October 27, 2016 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

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If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,
Sherri

ACE Directors Call #1 DRAFT Notes – 10/27/2016

Attendees: Michelle Bell (Yale), Petros Koutrakis (Harvard/MIT), Julian Marshall (CMU), Alan Vette (EPA), Vito Ilacqua (EPA), Rich Callan (EPA), Taylor Katz (EPA)

Agenda and Discussion

1. Work across Centers in webinars – do you want to do this?

Discussion: Seems too early on right now. Need to explore this further.

2. How can we help you develop cross-Center projects?

Discussion: Seems too early on right now. Cross-pollination of ideas has already started. Would be good for us to consider collective experience from other collaborations, what might be of help to encourage these?

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Petros (Harvard): Will schedule in next couple of months.

Marshall (CMU): Targeting mid-January – Early February.

Discussion: Should encourage cross-talk between the Centers. Each SAC has a representative from a different Center. Michelle has Francesca Dominici (Harvard) on her SAC and Petros has already invited Michelle.

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Can review Terms and Conditions on next call as well.

Next call:

Thursday, December 1st, 2016, 2:00 p.m. – 3:00 p.m. Eastern Time

Call-in: 1-866-299-3188

Conference Code: Ex. 6 - Personal Privacy

To: Koutrakis, Petros[petros@hsph.harvard.edu]
From: Callan, Richard
Sent: Mon 1/30/2017 4:01:14 PM
Subject: RE: ACE Center Directors Call -- Checking notes from today's call 1/26/17 -- Thank You

Excellent – thank you Petros!

Best regards,

Rich

From: Koutrakis, Petros [mailto:petros@hsph.harvard.edu]
Sent: Sunday, January 29, 2017 8:29 AM
To: Callan, Richard <Callan.Richard@epa.gov>
Subject: Re: ACE Center Directors Call -- Checking notes from today's call 1/26/17

Holiday Richard the words you are missing are

JAWMA

And we wevlet

You did an excellent job

Have a nice rest of the weekend

from my iPhone

On Jan 26, 2017, at 7:39 PM, Callan, Richard <Callan.Richard@epa.gov> wrote:

Hi Petros,

Thank you for participating in today's ACE Center Directors call.

I am writing up the notes and wanted to check to see if the following seems OK to you. Please make any edits you like and send it back to me when you can.

Petros/Harvard: Just had a meeting with MIT and engineering school, went through progress with Center, Pls presented a summary. Project 1: Supposed to collect national data, emissions profiles, to make predictions for weather in the past and future. Working with NASA to help improve algorithms for areas of high reflection like southwest and California. Just published 2 papers, Remote Sensing issue of WMA [journal?], inventories, how to take outputs and link to land use, mile of road. Found good agreement between our estimates and national emissions inventories. Looking very promising. Engineering school already has 15 different models for climate predictions and connect with ...? Developing special patterns and examine the effectiveness of local emissions policies, e.g., by replacing buses and using purer fuel, Brent, PI, has published a paper about using "winglet"(?) Analysis, local emissions patterns, he will do a study in Massachusetts using the Medicare data. Joel also took national Medicare data and converted to cohort data.

Michelle: Joel took the national data which has information for each individual person hospital admissions, for example, this person went to the hospital 3 months ago, link health and billing records to create a cohort by linking multiple events from the same person to create a cohort-like dataset.

Petros: Joel is doing inference analysis using Medicare, has a student to study the effects of temperature, Cory is doing with Francesca the national emissions data from power plants, trying to link emissions reductions to health benefits. Came up with a method to download millions of trajectories, see where the emissions came from since 1995. So they have solved the problem of how to deal with millions of trajectories. MIT, Noelle, working on economic model, they are going to work with us now to characterize regional profiles, will use that as a baseline. The proposal was to evaluate the co-benefits of Obama initiative about climate change, reduction in power plant emissions, but now I don't know whether that will go forward if the policies are not going to be effective.

Sherri: That is definitely something to think about other strategies and what might be useful.

Petros: Published 2 papers about future emissions. We are a little bit behind, because we started the first year after 6 months.

Best regards,

Rich

From: Callan, Richard

Sent: Thursday, January 26, 2017 1:27 PM

To: Hunt, Sherri <Hunt.Sherri@epa.gov>; Katz, Taylor <Katz.Taylor@epa.gov>; Vette, Alan <Vette.Alan@epa.gov>; Miller, Andy <Miller.Andy@epa.gov>; Hassett-Sipple, Beth <Hassett-Sipple.Beth@epa.gov>; 'Bell, Michelle' <michelle.bell@yale.edu>; 'Roger Peng' <rdpeng@jhu.edu>; 'Petros Koutrakis' <Petros@hsph.harvard.edu>; 'bcoull@hsph.harvard.edu' <bcoull@hsph.harvard.edu>; 'Allen Robinson' <alr@andrew.cmu.edu>; 'Julian Marshall' <jdmars@uw.edu>; 'Katherine Tucker' <tuckerk@andrew.cmu.edu>; 'Alice Smythe' <asmlythe@hsph.harvard.edu>; 'Jones, Diana' <diana.jones@yale.edu>; Ilacqua, Vito <Ilacqua.Vito@epa.gov>; Costa, Dan <Costa.Dan@epa.gov>

Cc: Baxter, Lisa <Baxter.Lisa@epa.gov>; Grambsch, Anne <Grambsch.Anne@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Nunez, Carlos <Nunez.Carlos@epa.gov>

Subject: RE: ACE Center Directors Call -- Minutes from 12/1/16 Call, Agenda for Today's Call

Hi All,

Attached are the minutes from the previous ACE Centers Directors call. Please let me know if you have any edits.

Next call: Thursday, January 26th TODAY at 2:00 p.m. Eastern.

Expected Agenda Items:

1. Discuss draft agenda for June 1st-2nd ACE Centers meeting
 - Should poster titles be provided in advance?
2. Think of speakers we may want to invite or ways to encourage useful discussion among scientists within the Centers and EPA.
3. How many postdocs, students, senior investigators should attend?
4. Share research progress updates

Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

Best regards,

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<< File: ACE Directors Call Notes DRAFT 120116.docx >>

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To: Hunt, Sherri; Katz, Taylor; Vette, Alan; Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana; Ilacqua, Vito; Callan, Richard; Costa, Dan

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, January 26, 2017 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: 2025644486#

WITH UPDATE

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To: Petros Koutrakis[Petros@hsph.harvard.edu]
From: Callan, Richard
Sent: Fri 1/27/2017 12:38:28 AM
Subject: RE: ACE Center Directors Call -- Checking notes from today's call 1/26/17

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Cc: Baxter, Lisa <Baxter.Lisa@epa.gov>; Grambsch, Anne <Grambsch.Anne@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Nunez, Carlos <Nunez.Carlos@epa.gov>

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Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

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To: Hunt, Sherri; Katz, Taylor; Vette, Alan; Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana; Ilacqua, Vito; Callan, Richard; Costa, Dan

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Subject: ACE Center Directors Call

When: Thursday, January 26, 2017 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

WITH UPDATE

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Cc: Baxter, Lisa[Baxter.Lisa@epa.gov]; Grambsch, Anne[Grambsch.Anne@epa.gov]; Hagler, Gayle[Hagler.Gayle@epa.gov]; Nunez, Carlos[Nunez.Carlos@epa.gov]
From: Callan, Richard
Sent: Thur 1/26/2017 6:27:26 PM
Subject: RE: ACE Center Directors Call -- Minutes from 12/1/16 Call, Agenda for Today's Call
ACE Directors Call Notes DRAFT 120116.docx

Hi All,

Attached are the minutes from the previous ACE Centers Directors call. Please let me know if you have any edits.

Next call: Thursday, January 26th TODAY at 2:00 p.m. Eastern.

Expected Agenda Items:

1. Discuss draft agenda for June 1st-2nd ACE Centers meeting
 - Should poster titles be provided in advance?
2. Think of speakers we may want to invite or ways to encourage useful discussion among scientists within the Centers and EPA.
3. How many postdocs, students, senior investigators should attend?
4. Share research progress updates

Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

Best regards,

Rich

-----Original Appointment-----

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Hunt, Sherri; Katz, Taylor; Vette, Alan; Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana; Ilacqua, Vito; Callan, Richard; Costa, Dan

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, January 26, 2017 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

WITH UPDATE

Hi All,

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The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,
Sherri

ACE Centers Directors Call – Notes

DRAFT

Date: Thursday, December 1, 2016 – 2:00 p.m. – 3:00 p.m. Eastern Time

Call-in: 1.866.299.3188, Conference Code Ex. 6 - Personal Privacy

ACE Centers Participants: Michelle Bell (Yale), Julian Marshall (CMU), Petros Koutrakis (Harvard), Alice Smythe (Harvard)

EPA Participants: Dan Costa, Sherri Hunt, Rich Callan, Vito Ilacqua, Beth Hassett-Sipple, Lisa Baxter

1. SAC Meetings

The SAC meeting for the CMU ACE Center is scheduled for January 27th 2017, the Yale SEARCH SAC meeting is scheduled for March 23rd and 24th in New Haven. Dan and Sherri are expecting to participate in all 3 of the SAC meetings and the appropriate project officer for each should go as well. Harvard is still working on a date for their SAC.

2. Annual Meeting

ACE Centers Annual Meeting: June 1st and 2nd, 2017 in Cambridge, MA.

Harvard ACE Center is hosting.

Meeting Hotel: Le Méridien, Cambridge, MA

<http://www.lemeridiencambridgemit.com/>

Alice Smythe said that the Le Méridien hotel will have a room block, with both government and non-government rates available. Dinner will be on Thursday. The space is big enough for 120 people. There's a space for posters. Petros said that it's near Central Square, and near Memorial Drive if you want to jog in the morning, is also within walking distance to Boston.

Poster Session

The question of whether to have a poster session during the meeting was discussed. Petros said ideally, if there is a poster session, it should be held before the dinner, in a space where people can easily move around the space. Sherri supported the idea of a poster session, saying it would help the Centers get more familiar with each other's projects and so we can get an idea of what cross-Center projects would be appropriate. Julian Marshall was also in favor of having posters. He said that it would also be beneficial for graduate students to present posters, and that they can allow people to match up in a way that doesn't generally happen with just an oral presentation.

Sherri asked whether people would need to provide titles in advance but that hasn't yet been resolved.

Meeting Structure

We discussed whether we would put any structure or guidance around any of the Center talks and whether it would be a widely advertised public meeting or by invitation only. Michelle was in favor of an invitation-only meeting, and Dan suggested that since this is the first progress meeting with this set of Centers, it would be better to keep the meeting low key this time

around, and it would be easier to have discussion between the Centers about potential collaborations. We also discussed whether it would be good to have all of the meeting participants together or split up for part of the meeting into smaller groups. That question hasn't yet been resolved. Sherri said that having face-to-face interaction is often useful at these meetings, she said when people don't know each other well that can be really important.

Topic Areas

Sherri suggested it would be good for Center directors to think about potential topic areas before the next call.

Possible Keynote/Additional Speakers

There was a discussion of having keynote and other speakers. Petros suggested that since the Centers involve communities, maybe inviting someone from NESCAUM or DEP or an NGO that is a user of the information we produce, giving a talk about what kinds of scientific questions we have, then another day, "...someone who does something really exciting" could speak. He also suggested that we could have a couple of small sessions to talk about prospective research, developing a couple of topics for people to share their research.

Dan supported these ideas, suggesting that there's a lot of emphasis now on community outreach, community use of information and data and how the data are communicated. Beth and Dan suggested that perhaps former Administrator Gina McCarthy would be in the Boston area and could be a possible speaker. Sherri suggested that the Yale SEARCH Center, with its policy component, might have some ideas as well.

Sherri and Dan said the Centers are very important to the ACE Program. "You are all highly respected," Dan added.

Action Item: The group agreed to **ask Petros to draft an agenda based on what he understands the group wants** and on the next call we can respond to that and give feedback.

Next call: Thursday, January 26th at 2:00 p.m. Eastern.

Expected Agenda Items:

1. Discuss draft agenda for June 1st-2nd ACE Centers meeting
 - Should poster titles be provided in advance?
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Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

--Notes from Rich Callan
Version 3.0

Follow-up email:

From: Hunt, Sherri

Sent: Friday, December 02, 2016 11:08 AM

To: Ilacqua, Vito <ilacqua.vito@epa.gov>; Callan, Richard <Callan.Richard@epa.gov>; Katz, Taylor <Katz.Taylor@epa.gov>; Costa, Dan <costa.dan@epa.gov>; Alan Vette (Vette.Alan@epa.gov) <Vette.Alan@epa.gov>; Miller, Andy <Miller.Andy@epa.gov>; Hassett-Sipple, Beth <Hassett-Sipple.Beth@epa.gov>; 'Bell, Michelle' <michelle.bell@yale.edu>; 'Roger Peng' <rdpeng@jhu.edu>; Petros Koutrakis <Petros@hsph.harvard.edu>; 'bcoull@hsph.harvard.edu' <bcoull@hsph.harvard.edu>; 'Allen Robinson' <alr@andrew.cmu.edu>; Julian Marshall <jdmarsh@uw.edu>; 'Katherine Tucker' <tuckerk@andrew.cmu.edu>; Alice Smythe <asmythe@hsph.harvard.edu>; Jones, Diana <diana.jones@yale.edu>; Hunt, Sherri <Hunt.Sherri@epa.gov>

Cc: Baxter, Lisa <Baxter.Lisa@epa.gov>; Grambsch, Anne <Grambsch.Anne@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Nunez, Carlos <Nunez.Carlos@epa.gov>

Subject: ACE Center Directors Call

Hi All,

Thanks for joining us yesterday. As discussed, at our next call Petros will bring a draft agenda for the June 1-2 meeting and everyone will be thinking of speakers we may want to invite or ways to encourage useful discussion among scientists within the Centers and EPA. I would also like to share research progress updates at that time as well.

I incorrectly noted the time for our next call – we are currently scheduled at talk at 2 pm Eastern on the 4th Thursday of the month, i.e. Jan. 26, Feb 23, March 23, April 27.

I hope that everyone has a fun and restful holiday.

All the best,

Sherri

Sherri W. Hunt, Ph.D. | Air, Climate, and Energy (ACE) Matrix Interface

National Center for Environmental Research | US Environmental Protection Agency

202.564.4486 (office) | 571.339.9491 (cell) | hunt.sherri@epa.gov

Mailing Address: 1200 Pennsylvania Ave NW (Code 8725R) Washington DC 20460

Courier Address: 1300 Pennsylvania Ave NW (RRB Mezzanine M312K) Washington DC 20004

To: Koutrakis, Petros[petros@hsph.harvard.edu]
From: Callan, Richard
Sent: Thur 1/26/2017 6:11:09 PM
Subject: RE: ACE Center Directors Call -- Meeting Location

Hi Petros,

Thank you. Just confirming – will the meeting itself be at the hotel in Cambridge or at the Harvard medical/public health campus in downtown Boston?

Rich

From: Bell, Michelle [mailto:michelle.bell@yale.edu]
Sent: Wednesday, January 25, 2017 5:42 PM
To: Koutrakis, Petros <petros@hsph.harvard.edu>; Callan, Richard <Callan.Richard@epa.gov>; Julian Marshall (jdmarsh@uw.edu) <jdmarsh@uw.edu>
Subject: RE: ACE Center Directors Call -- Draft notes from previous call, PLEASE REVIEW

These notes look good to me. Thanks.

Best,

Michelle

From: Koutrakis, Petros [mailto:petros@hsph.harvard.edu]
Sent: Wednesday, January 25, 2017 5:39 PM
To: Callan, Richard; Bell, Michelle; Julian Marshall (jdmarsh@uw.edu)
Subject: RE: ACE Center Directors Call -- Draft notes from previous call, PLEASE REVIEW

Hi Richard I am ok with this

Gina McCarthy will be teaching at Harvard and she will have a job. So we should be able to bring her

From: Callan, Richard [<mailto:Callan.Richard@epa.gov>]

Sent: Wednesday, January 25, 2017 4:57 PM

To: Bell, Michelle <michelle.bell@yale.edu>; Koutrakis, Petros <petros@hsph.harvard.edu>; Julian Marshall (jdmarsh@uw.edu) <jdmarsh@uw.edu>

Subject: FW: ACE Center Directors Call -- Draft notes from previous call, PLEASE REVIEW

Hi Michelle, Petros and Julian,

I hope you are all well. I put together some draft notes from the last ACE Centers Directors call and would like to send them out to the larger group but wanted to give you a chance to review first. Please let me know by 11:00 a.m. tomorrow (Thursday 1/26) if you have any edits. Hopefully they look OK to you.

Best regards,

Rich

Rich Callan, MPH | US Environmental Protection Agency | National Center for Environmental Research
Applied Science and Education Division

Mailing Address: 1200 Pennsylvania Ave., NW, Mail Code 8725R, Washington, DC 20460-0001

Express Mail Address: 1300 Pennsylvania Ave., NW, RRB Mezzanine M312C, Washington, DC 20004

Phone: 202.564.4191 (office) | callan.richard@epa.gov

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Hunt, Sherri; Katz, Taylor; Vette, Alan; Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana; Ilacqua, Vito; Callan, Richard; Costa, Dan

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Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

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Regards,

Sherri

To: Bell, Michelle[michelle.bell@yale.edu]; Koutrakis, Petros[petros@hsph.harvard.edu]; Julian Marshall (jdmarsh@uw.edu)[jdmarsh@uw.edu]
From: Callan, Richard
Sent: Wed 1/25/2017 11:34:41 PM
Subject: RE: ACE Center Directors Call -- Draft notes from previous call, PLEASE REVIEW

Thank you, Petros and Michelle. Petros, thank you for that information, I see that Gina McCarthy will be a “resident fellow” at Harvard’s Institute of Politics for the Spring semester.

<http://www.thecrimson.com/article/2017/1/20/iop-spring-fellows-2017/>

Best regards,

Rich

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Sent: Wednesday, January 25, 2017 5:42 PM
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From: Callan, Richard
Sent: Wed 1/25/2017 9:56:50 PM
Subject: FW: ACE Center Directors Call -- Draft notes from previous call, PLEASE REVIEW
ACE Directors Call Notes DRAFT 120116_v3.docx

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ACE Centers Directors Call

DRAFT Notes

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Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

ACE Centers Participants: Michelle Bell (Yale), Julian Marshall (CMU), Petros Koutrakis (Harvard), Alice Smythe (Harvard)

EPA Participants: Dan Costa, Sherri Hunt, Rich Callan, Vito Ilacqua, Beth Hassett-Sipple, Lisa Baxter

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meeting with this set of Centers, it would be better to keep the meeting low key this time around, and it would be easier to have discussion between the Centers about potential collaborations. We also discussed whether it would be good to have all of the meeting participants together or split up for part of the meeting into smaller groups. That question hasn't yet been resolved. Sherri said that having face-to-face interaction is often useful at these meetings, she said when people don't know each other well that can be really important.

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Dan said that over the years, the Centers have contributed a lot and the ACE Centers program is the "most important extramural program that we have [in the ACE Program overall]." "You are all are highly respected," he said.

Action Item: The group agreed to ask Petros to draft an agenda based on what he understands the group wants and on the next call we can respond to that and give feedback.

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Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

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Version 3.0

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Sherri

Sherri W. Hunt, Ph.D. | Air, Climate, and Energy (ACE) Matrix Interface

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Mailing Address: 1200 Pennsylvania Ave NW (Code 8725R) Washington DC 20460

Courier Address: 1300 Pennsylvania Ave NW (RRB Mezzanine M312K) Washington DC 20004

From: Callan, Richard
Location: Call-in: 866-299-3188; Conference Code: Ex. 6 - Personal Privacy
Importance: Normal
Subject: ACE Center Directors Call -- June
Start Date/Time: Fri 6/30/2017 7:30:00 PM
End Date/Time: Fri 6/30/2017 8:30:00 PM

Hi All,

Rescheduling the June ACE Center Directors call, looking forward to the discussion. This seemed to be the only day/time in June when most of the PIs and co-PIs and EPA project officers were available. We'll also schedule a call for the second full week of July, possibly Tuesday, July 11th, if the group agrees, as some people will be unavailable for the rest of the month. Then we can go back to our regular day/time of the fourth Thursday of the month at 2:00 p.m. Eastern Time, unless the group would like to change that.

The **goals** of these calls are to discuss Center coordination, provide research updates, annual meeting planning, SAC meeting information and feedback, and to help us stay connected as a team. The **participants** include Center directors and co-directors, STAR project officers and interested ACE scientists.

Friday, June 30th at 3:30 p.m. Eastern.

Expected Agenda Items:

1. Discuss recent ACE Centers meeting (June 1-2)
2. Potential connections and collaborations across Centers and with EPA scientists
3. Share research progress updates
4. Upcoming events of interest

Please let me know if you have other agenda items you'd like to discuss as a group.

Call-in: 866-299-3188
Conference Code: Ex. 6 - Personal Privacy

Best regards,

Rich

To: Costa, Dan[Costa.Dan@epa.gov]; Devlin, Robert[Devlin.Robert@epa.gov]
From: Koutrakis, Petros
Sent: Thur 5/11/2017 9:55:09 PM
Subject: RE: see you next week

I know I can always count on you

Think about some names so we can discuss them when we meet

From: Costa, Dan [mailto:Costa.Dan@epa.gov]
Sent: Thursday, May 11, 2017 10:33 AM
To: Devlin, Robert <Devlin.Robert@epa.gov>; Koutrakis, Petros <petros@hsph.harvard.edu>
Subject: RE: see you next week

Ditto what Bob said. Interesting opportunity. Let's chat over a beer next week – that's right iced coffee.

dlc

Dan Costa, Sc.D., DABT

National Program Director for Air, Climate and Energy (ORD/EPA)

Mail: D143-01, EPA Research Campus, Research Triangle Park, NC 27711; FedEx Address: 4930 page Rd, Durham, NC 27703

Office: D142C; ph: 919.541.2532; work cell: 919.280.6841; personal cell Ex. 6 - Personal Privacy; fax 919.541.0065

Email: costa.dan@epa.gov; personal: Ex. 6 - Personal Privacy

From: Devlin, Robert
Sent: Thursday, May 11, 2017 10:31 AM
To: Koutrakis, Petros <petros@hsph.harvard.edu>; Costa, Dan <Costa.Dan@epa.gov>
Subject: RE: see you next week

I'd be honored to be part of the planning group. As you know, Dan and I will be seeing you in about 4 days. Let's talk then.

From: Koutrakis, Petros [<mailto:petros@hsph.harvard.edu>]
Sent: Thursday, May 11, 2017 10:18 AM
To: Costa, Dan <Costa.Dan@epa.gov>; Devlin, Robert <Devlin.Robert@epa.gov>
Subject: see you next week

Dan and Bob I was asked by the Kuwait EPA to submit a proposal (sole source). The purpose of this project is to study sources, review monitoring networks, analyze ambient data, do an exposure study and intervention study, a national air toxics assessment, and finally policy recommendations. The anticipated budget will be 10 million for three years. Other gulf countries may join the program.

I will need some epa experts for the different aspects of the program, especially for strategic planning. Retired qualified EPA scientists are welcome.

For the retired we will have funds, but for the active we can only offer business class tickets and royal hospitality. I want to put a list of five to six competent individuals. So I would like to start by inviting you.

Any suggestions

Bryan???

Tina (she was my student)???

Bachmann is good but he looks like a hippy these days and I am not sure if this will look good

Any policy people?

This is very confidential because we have not submitted the proposal yet

Of course we can discuss this next week

See you soon

To: Devlin, Robert[Devlin.Robert@epa.gov]; Koutrakis, Petros[petros@hsph.harvard.edu]
From: Costa, Dan
Sent: Thur 5/11/2017 2:33:16 PM
Subject: RE: see you next week

Ditto what Bob said. Interesting opportunity. Let's chat over a beer next week – that's right iced coffee.

dlc

Dan Costa, Sc.D., DABT

National Program Director for Air, Climate and Energy (ORD/EPA)

Mail: D143-01, EPA Research Campus, Research Triangle Park, NC 27711; FedEx Address: 4930 page Rd, Durham, NC 27703

Office: D142C; ph: 919.541.2532; work cell: 919.280.6841; personal cell: Ex. 6 - Personal Privacy fax 919.541.0065

Email: costa.dan@epa.gov; personal: Ex. 6 - Personal Privacy

From: Devlin, Robert
Sent: Thursday, May 11, 2017 10:31 AM
To: Koutrakis, Petros <petros@hsph.harvard.edu>; Costa, Dan <Costa.Dan@epa.gov>
Subject: RE: see you next week

I'd be honored to be part of the planning group. As you know, Dan and I will be seeing you in about 4 days. Let's talk then.

From: Koutrakis, Petros [<mailto:petros@hsph.harvard.edu>]
Sent: Thursday, May 11, 2017 10:18 AM
To: Costa, Dan <Costa.Dan@epa.gov>; Devlin, Robert <Devlin.Robert@epa.gov>
Subject: see you next week

Dan and Bob I was asked by the Kuwait EPA to submit a proposal (sole source). The purpose of this project is to study sources, review monitoring networks, analyze ambient data, do an exposure study and intervention study, a national air toxics assessment, and finally policy recommendations. The anticipated budget will be 10 million for three years. Other gulf countries

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Of course we can discuss this next week

See you soon

From: Callan, Richard
Location: Call-in: 866-299-3188; Conference Code:
Importance: Normal
Subject: ACE Center Directors Call -- June
Start Date/Time: Fri 6/30/2017 7:30:00 PM
End Date/Time: Fri 6/30/2017 8:30:00 PM

Ex. 6 - Personal Privacy

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Hi All,

Rescheduling the June ACE Center Directors call, looking forward to the discussion. This seemed to be the only day/time in June when most of the PIs and co-PIs and EPA project officers were available. We'll also schedule a call for the second full week of July, possibly Tuesday, July 11th, if the group agrees, as some people will be unavailable for the rest of the month. Then we can go back to our regular day/time of the fourth Thursday of the month at 2:00 p.m. Eastern Time, unless the group would like to change that.

The **goals** of these calls are to discuss Center coordination, provide research updates, annual meeting planning, SAC meeting information and feedback, and to help us stay connected as a team. The **participants** include Center directors and co-directors, STAR project officers and interested ACE scientists.

Friday, June 30th at 3:30 p.m. Eastern.

Expected Agenda Items:

1. Discuss recent ACE Centers meeting (June 1-2)
2. Potential connections and collaborations across Centers and with EPA scientists
3. Share research progress updates
4. Upcoming events of interest

Please let me know if you have other agenda items you'd like to discuss as a group.

Call-in: 866-299-3188

Conference Code: Ex. 6 - Personal Privacy

Best regards,

Rich

To: Koutrakis, Petros[petros@hsph.harvard.edu]
Cc: Smythe, Alice[asmyme@hsph.harvard.edu]; Vallarino, Jose[jvallari@hsph.harvard.edu]; Lawrence, Joy[lawrence@hsph.harvard.edu]
From: Ilacqua, Vito
Sent: Fri 12/16/2016 8:39:14 PM
Subject: RE: Comments on Harvard QMP (ACE Center)

Dear Petros,

Thank you again for your time and your presentation at the meeting last week. It's always a pleasure talking with you.

I have not followed up on the QMP until now, but I need to check if your center has a revision, so we can finalize this requirement. Since I'm at it, this is also a reminder that the first year of this center has officially passed, so the annual center report will be due at the end of February.

Thank you and have a great weekend

Vito

From: Koutrakis, Petros [mailto:petros@hsph.harvard.edu]
Sent: Wednesday, August 31, 2016 11:48 AM
To: Ilacqua, Vito <Ilacqua.Vito@epa.gov>
Cc: Smythe, Alice <asmyme@hsph.harvard.edu>; Vallarino, Jose <jvallari@hsph.harvard.edu>; Lawrence, Joy <lawrence@hsph.harvard.edu>
Subject: Re: Comments on Harvard QMP (ACE Center)

Hi Vito thanks for your email we will take care and respond

Regards petros

Sent from my iPhone

On Aug 31, 2016, at 6:45 PM, Ilacqua, Vito <Ilacqua.Vito@epa.gov> wrote:

Dear Petros,

Please find below the comments of our QC officer on the Quality Management Plan for the new center. It seems relatively straightforward to fix. Let me know if any questions come up.

Best

Vito

Vito A. Ilacqua, Ph.D.

Physical Scientist

(202) 564 4512 | ilacqua.vito@epa.gov

National Center for Environmental Research | ORD | US Environmental Protection Agency
1200 Pennsylvania Avenue NW (8725R)

Washington, DC 20460

Office/Courier:
Ronald Reagan Building M315B

1300 Pennsylvania Avenue NW

Washington, DC 20004

From: Doucet, Lisa

Sent: Wednesday, August 31, 2016 11:19 AM
To: Ilacqua, Vito <Ilacqua.Vito@epa.gov>
Cc: Shanahan, Patrick <Shanahan.Patrick@epa.gov>
Subject: Comments on Harvard QMP (ACE Center)

Hi Vito – We reviewed the Harvard draft QMP and have a couple of comments that to address before we can approve.

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

Lisa Doucet

U.S. EPA | Office of Research and Development

National Center for Environmental Research

Policy, Planning & Review Division

Program Operations Lead

202-564-4271

<QMP-New Center-as-jlJV-as.docx>

From: Hunt, Sherri

Location: 1.866.299.3188, code: Ex. 6 - Personal Privacy

Importance: Normal

Subject: ACE Center Directors Call

Start Date/Time: Fri 5/26/2017 2:30:00 PM

End Date/Time: Fri 5/26/2017 3:30:00 PM

[Agenda-ACE Annual Meeting 20170523.docx](#)

Let's discuss the final agenda and smaller group times.

Call Agenda for 5/26/17:

Logistics (Alice & Petros)

Meeting agenda (latest draft is attached):

finalize:

- Group discussion leaders (Schwartz not yet confirmed),
- final discussion (Coull not yet confirmed),
- anything else?

Apologies for the late reschedule.

From: Hunt, Sherri
Location: 1.866.299.3188, code: Ex. 6 - Personal Privacy
Importance: Normal
Subject: ACE Center Directors Call
Start Date/Time: Fri 5/26/2017 2:30:00 PM
End Date/Time: Fri 5/26/2017 3:30:00 PM

Let's discuss the final agenda and smaller group times.

Apologies for the late reschedule.

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,
Sherri

To: Ilacqua, Vito[ilacqua.vito@epa.gov]; Callan, Richard[/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e7e051eb3e74f3eac0876cab7e3eb16-callan, richard]; Katz, Taylor[Katz.Taylor@epa.gov]; Costa, Dan[costa.dan@epa.gov]; Alan Vette (Vette.Alan@epa.gov)[Vette.Alan@epa.gov]; Miller, Andy[Miller.Andy@epa.gov]; Hassett-Sipple, Beth[Hassett-Sipple.Beth@epa.gov]; Bell, Michelle[michelle.bell@yale.edu]; Roger Peng[rdpeng@jhu.edu]; Petros Koutrakis[Petros@hsph.harvard.edu]; bcoull@hsph.harvard.edu[bcoull@hsph.harvard.edu]; Allen Robinson[alr@andrew.cmu.edu]; Julian Marshall[jdmarsh@uw.edu]; Katherine Tucker[tuckerk@andrew.cmu.edu]; Alice Smythe[asmythe@hsph.harvard.edu]; Jones, Diana[diana.jones@yale.edu]
Cc: Baxter, Lisa[Baxter.Lisa@epa.gov]; Grambsch, Anne[Grambsch.Anne@epa.gov]; Hagler, Gayle[Hagler.Gayle@epa.gov]; Nunez, Carlos[Nunez.Carlos@epa.gov]
From: Hunt, Sherri
Sent: Tue 5/23/2017 8:15:43 PM
Subject: RE: ACE Center Directors Call

Hi All,

Multiple EPA meetings have now been scheduled during this time block. I don't want to cancel since I think there are some final details to discuss for the meeting next week. Would it be possible to reschedule the call to sometime on Friday - perhaps between 9 am and 2 pm ET?

Sherri

Sherri W. Hunt, Ph.D. | Air, Climate, and Energy (ACE) Matrix Interface
National Center for Environmental Research | US Environmental Protection Agency

202.564.4486 (office) | 571.339.9491 (cell) | hunt.sherri@epa.gov

Mailing Address: 1200 Pennsylvania Ave NW (Code 8725R)

Washington DC 20460

Courier Address: 1300 Pennsylvania Ave NW (RRB Mezzanine M312K)

Washington DC 20004

-----Original Appointment-----

From: Hunt, Sherri

Sent: Thursday, September 22, 2016 10:52 AM

To: Ilacqua, Vito; Callan, Richard; Katz, Taylor; Costa, Dan; Alan Vette (Vette.Alan@epa.gov); Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, May 25, 2017 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

If we don't need one we'll cancel, but I'm putting them on the calendar monthly.

If you have agenda items that you'd like to discuss as a group, please let me know.

Regards,
Sherri

From: Hunt, Sherri
Location: 1.866.299.3188, code: Ex. 6 - Personal Privacy
Importance: Normal
Subject: ACE Center Directors Call
Start Date/Time: Thur 4/27/2017 6:00:00 PM
End Date/Time: Thur 4/27/2017 7:00:00 PM

AGENDA ADDED:

Thursday, April 27th at 2:00 p.m. Eastern.

Expected Agenda Items:

1. Discuss draft agenda for June 1st-2nd ACE Centers meeting
 - Have poster titles been provided in advance?
2. Potential connections across Centers and with EPA scientists.
3. Any updates on participants?
4. Share research progress updates.

Call-in: 1.866.299.3188, Conference Code: Ex. 6 - Personal Privacy

Please let me know if you have anything to add.

From: Hunt, Sherri
Location: 1.866.299.3188, code Ex. 6 - Personal Privacy
Importance: High
Subject: Canceled: ACE Center Directors Call
Start Date/Time: Thur 3/23/2017 6:00:00 PM
End Date/Time: Thur 3/23/2017 7:00:00 PM

Apologies for the late cancellation. The SEARCH SAC is today so we will not be meeting.

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

The **goals** of these calls are to discuss Center coordination, research updates, annual meeting planning, SAC meetings and feedback, and to help us stay connected as a team. The **participants** will include Center directors and co-directors, STAR project offices, and some interested ACE scientists. While I'm including your administrative support in the invitation, they typically will not need to attend.

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Regards,
Sherri

From: Hunt, Sherri
Location: 1.866.299.3188, code: Ex. 6 - Personal Privacy
Importance: High
Subject: Canceled: ACE Center Directors Call
Start Date/Time: Thur 2/23/2017 7:00:00 PM
End Date/Time: Thur 2/23/2017 8:00:00 PM

Hi All,

We are cancelling the directors call tomorrow. The main thing we need to discuss as a group is the agenda for the June meeting – perhaps Petros can send a draft to the group.

If you have any other questions, please let me know.

Regards,

Sherri

To: Ilacqua, Vito[ilacqua.vito@epa.gov]; Callan, Richard[/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e7e051eb3e74f3eac0876cab7e3eb16-callan, richard]; Costa, Dan[costa.dan@epa.gov]; Katz, Taylor[Katz.Taylor@epa.gov]; Alan Vette (Vette.Alan@epa.gov)[Vette.Alan@epa.gov]; Miller, Andy[Miller.Andy@epa.gov]; Hassett-Sipple, Beth[Hassett-Sipple.Beth@epa.gov]; Bell, Michelle[michelle.bell@yale.edu]; Roger Peng[rdpeng@jhu.edu]; Petros Koutrakis[Petros@hsph.harvard.edu]; bcoull@hsph.harvard.edu[bcoull@hsph.harvard.edu]; Allen Robinson[alr@andrew.cmu.edu]; Julian Marshall[jdmarsh@uw.edu]; Katherine Tucker[tuckerk@andrew.cmu.edu]; Alice Smythe[asmythe@hsph.harvard.edu]; Jones, Diana[diana.jones@yale.edu]
Cc: Baxter, Lisa[Baxter.Lisa@epa.gov]; Grambsch, Anne[Grambsch.Anne@epa.gov]; Hagler, Gayle[Hagler.Gayle@epa.gov]; Nunez, Carlos[Nunez.Carlos@epa.gov]
From: Hunt, Sherri
Sent: Thur 1/26/2017 7:24:33 PM
Subject: RE: ACE Center Directors Call
[DRAFT Agenda-ACE Annual Meeting 2016.docx](#)

See draft agenda:

Sherri

Sherri W. Hunt, Ph.D. | Air, Climate, and Energy (ACE) Matrix Interface
National Center for Environmental Research | US Environmental Protection Agency

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-----Original Appointment-----

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Sent: Thursday, September 22, 2016 10:52 AM

To: Ilacqua, Vito; Callan, Richard; Costa, Dan; Katz, Taylor; Alan Vette (Vette.Alan@epa.gov); Miller, Andy; Hassett-Sipple, Beth; Bell, Michelle; Roger Peng; Petros Koutrakis; bcoull@hsph.harvard.edu; Allen Robinson; Julian Marshall; Katherine Tucker; Alice Smythe; Jones, Diana

Cc: Baxter, Lisa; Grambsch, Anne; Hagler, Gayle; Nunez, Carlos

Subject: ACE Center Directors Call

When: Thursday, January 26, 2017 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 1.866.299.3188, code: Ex. 6 - Personal Privacy

Hi All,

Now that we've had our official Kickoff for the ACE Centers, I'd like to start having regular Center Directors calls. When I asked several weeks ago, it looked like this time should work for everyone.

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Regards,
Sherri

From: Hunt, Sherri
Location: 1.866.299.3188, code Ex. 6 - Personal Privacy
Importance: Normal
Subject: Reminder: ACE Center Directors Call
Start Date/Time: Thur 12/1/2016 7:00:00 PM
End Date/Time: Thur 12/1/2016 8:00:00 PM

From: Hunt, Sherri
Location: 1.866.299.3188, code: Ex. 6 - Personal Privacy
Importance: High
Subject: Canceled: ACE Center Directors Call
Start Date/Time: Thur 10/27/2016 6:00:00 PM
End Date/Time: Thur 10/27/2016 7:00:00 PM

New calendar entry will come from Rich Callan.

Hi All,

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